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(71) Applicant (for all designated States except US): **BAYER HEALTHCARE LLC [US/US]**; 555 White Plains Road, Tarrytown, NY 10591 (US).

(72) Inventor; and
(75) Inventor/Applicant (for US only): **ZIMMERLE, Chris, T.** [US/US]; 58613 Glenriver Drive, Goshen, IN 46528 (US).

(74) Agents: **KUSMER, Toby, H.** et al.; McDermott Will & Emery LLP, 28 State Street, Boston, MA 02109 (US).

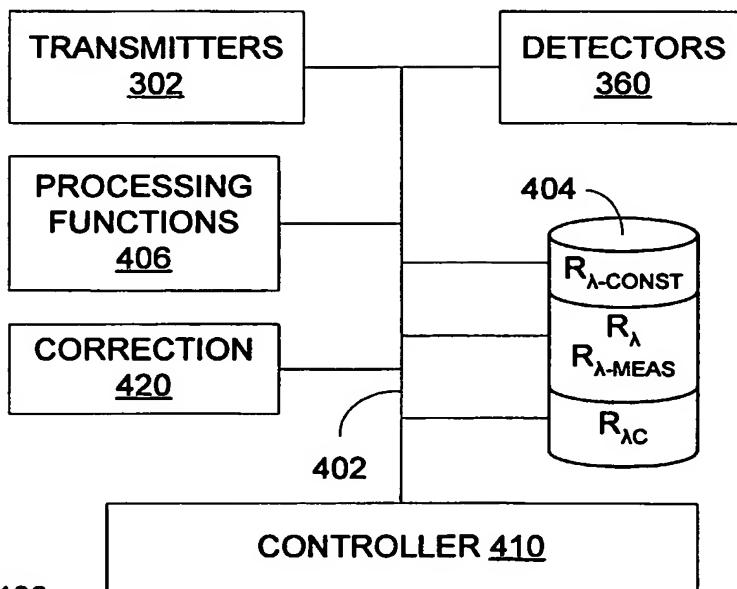
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(54) Title: PRECISION CORRECTION OF REFLECTANCE MEASUREMENTS



(57) Abstract: A system and method of correcting reflectance comprises determining a reflectance constant for a test product at a first wavelength for which reflectance does not substantially change with the presence of a test substance, with the test product loaded with the test substance, determining a reflectance at a second wavelength for which signal-to-noise ratio is maximized and determining a measured reflectance at the first wavelength, and determining a corrected reflectance as the product of the reflectance with a ratio of the reflectance constant to the measured reflectance.